

UT-043C-10

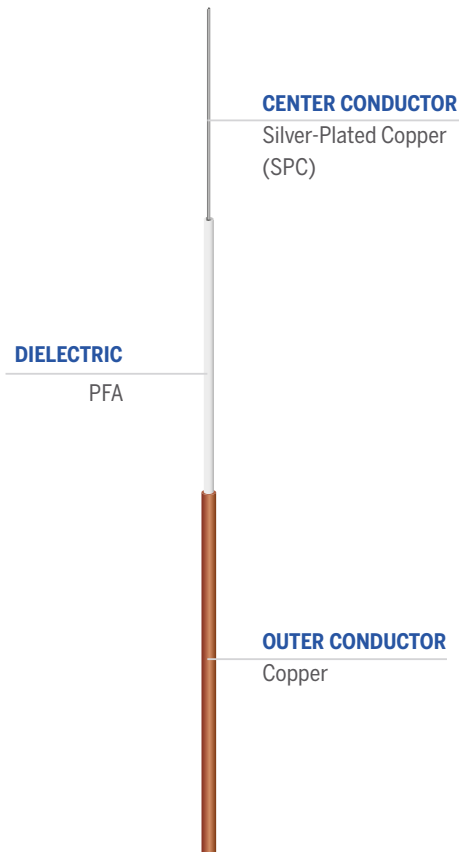
Semi-Rigid Coaxial Cables



Micro-Coax's specialized impedance semi-rigid cables—with impedances from 5 to 100Ω and diameters from 0.020 to 0.250 inches—are an ideal solution for any impedance matching requirement.

 Impedance 10 Ohms	 Operating Temperature -55°C to +150°C	 RoHS Compliant
---	---	--

Details and Materials



Dimensions

Outer Conductor Diameter	in	0.043
	mm	1.092
Center Conductor Diameter	in	0.0285
	mm	0.7239
Length (Maximum)	ft	15
	m	4.57

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.125
	mm	3.175
Weight	lbs/100ft	0.47
	kg / 100m	0.71

Electrical Characteristics*

Capacitance	pF/ft	145.1
	pF/m	476.0
Corona Extinction Voltage	VRMS @60 Hz	300
Voltage Withstanding	VRMS @60 Hz	900
Higher Order Mode Frequency	GHz	82.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	27.6
1.0	19.5
5.0	8.6
10.0	6
18.0	4.5
26.5	3.6
40.0	2.9
50.0	2.6
65.0	2.3
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	65.7
1.0	93.2
5.0	211.3
10.0	301.9
18.0	409.8
26.5	502
40.0	624.5
50.0	703.7
65.0	810.7
90.0	N/A

* Applicable at room temperature. Contact for performance over temperature range.

MICRO-COAX 
AN AMPHENOL COMPANY